SANITRADE®

High technological content's systems

www.sanitrade.it





marine
building
service

HIGH TECHNOLOGICAL CONTENT'S SYSTEMS

SANITRADE SRL was founded in 1998 as distributor, agency and service to represent in Italy several prestigious manufacturing companies leader in the field of waste and wastewater collection with vacuum system technology.

Moreover, the Company develops its own products and accessories, registers patents and can develop specific solutions for different customers.
Sanitrade is now able to offer itself as the only interlocutor for the entire cycle of waste and wastewater collection and treatment. The Company is now leader in construction and installation of Vacuum technology thanks to the collaborations with the University, with engineering studies and research.

Sanitrade besides being active in marine, navy, civil and train area, is also active in all the sectors which requires the use of specific equipment and systems for solving sanitation problems.

Sanitrade designs and manufactures custom systems, whose main components are manufactured by international companies leader in the industry. Sanitrade is recognized in its category for reliability, quality and attention to its customers.
All systems and components produced and distributed by Sanitrade meet quality ISO standards.





SANITRADE IS:

- single point of contact for the entire cycle of waste and wastewater collection and treatment.
- promotion, sales, distribution , after sales service system of products that distributes
- design and construction of plants or "special pieces" based on specific customer requirements
- efficient logistics and extensive sales network
- highly qualified personnel for the installation and technical support
- large and stocked warehouse that allows timely customer service with final delivery of components and spare parts required.
- Quality: All systems and components produced or distributed by the company are manufactured under quality control. ISO 9001:2015 certified company
- qualified supplier of primary national and foreign groups
- reliability and attention to its customers.

commercial agency distributorship

EVAC

Vacuum collection units for the collection of sewage and condensation water.



Evac's variety of durable, watersaving and low sound level vacuum toilets.



Wastewater treatment systems separate and neutralize organic contaminants in black and grey water to comply with national and international legislation.
Evac's dry and wet waste systems manage mixed or recyclable waste reducing the volume through compaction, shredding, and burning.



LOIPART

Loipart is a world leader in marine galleys, a business they started in 1977 in Finland.

Today, they also supply food service and laundry equipments and they are also specialized in waste systems.



EURO OFFSHORE

Euro Offshore.nl

Lifesaving equipment as rescue boat, fast rescue boat, work and lifeboats ,davits, workboats, rib's and aluminum and fiber glass work boats.



HYDE MARINE

HONEST SOLUTIONS. HONEST EQUIPMENT

Hyde GUARDIAN
Gold for the Ballast Water Treatment System BWTS: it relies on two main components as part of its two-step treatment method:

1.Physical solid-liquid separation through surface filtration using automatic backwashing filters

2.Physical disinfection via an ultraviolet (UV) technology



HYDROPATH MARINE

HYDROPATH MARINE

Hydropath Marine Ltd systems, will protect your vessel from limescale accumulation and biofouling.



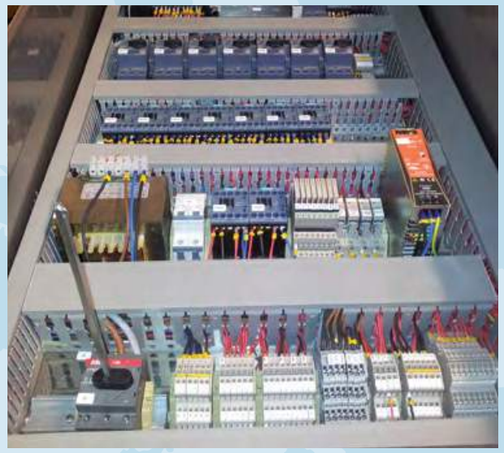
systems

SANITRADE®
High technological content's systems

CONTROL PANEL

We design and manufacture custom made cabinets with PLC program, according to specific customers' requirements for all sectors.





WATER DRAIN AND GREY WATER COLLECTING UNITS

Tanks for collecting grey water and shipboard condensate units with electrical panel, customized according to customer requests: different configurations, different materials for tanks and piping, various capacities, different performance and type of pumps.







Technical Assistance

VACUUM SYSTEM AND GREY WATER TECHNICAL ASSISTANCE ON BOARD

We support shipyard and ship-owner during the commissioning and start-up of vacuum system and Grey water collecting units on board.





VACUUM CLEANING INSTALLATION

Turnkey system and support to shipyard and ship-owner during the installation of vacuum cleaning system on board.







SYSTEMS ASSEMBLING

Specialized technicians for the construction, assembly and maintenance of the plants produced and sold.





spare parts

Large inventory and historical back-ground.
For vacuum collection systems and sewage treatment, Sanitrade has a large stock of EVAC parts or immediate delivery systems, and interchangeable components compatible with systems of others leading brands.
Sanitrade has also spares for all the systems supplied, pumps, valves, treatment systems such as grease separators, grey water collection systems, recovery and so forth.

sanitrade pump

Sanitrade is able to provide different type of pumps, depending on the use and the type of installation.
Each series of pumps is designated for a specific use and built with material which respects integrity and good operation.



SM-SME

SELFPRIMING MULTISTAGE CENTRIFUGAL PUMPS



SZCM

MAGNETIC DRIVE CENTRIFUGAL PUMPS IN COMPOSITE MATERIALS



SZN

CENTRIFUGAL PUMPS IN COMPOSITE MATERIALS FOR CORROSIVE FLUIDS



SF

CENTRIFUGAL PROCESS PUMPS FOR DIRTY LIQUIDES



SCTO

IN-LINE CENTRIFUGAL PUMPS



AND MUCH MORE



SANISHREDDER MULTI-PURPOSE WASTE REDUCER

Waste problems on board?

Sanishredder (SSH130) is a multi-purpose machine able to reduce the volume and the weight of all types of waste such as Food waste, Glass; Plastic; Cardboard; Tins/Cans; Unsorted Waste, and it is also able to dry and stabilize the Food waste and the Mixed Waste.

Sanishredder replaces the activity of 4-5 standard machines and it comes from the idea to provide a simple device capable of minimizing the overall dimensions and stabilize the microbial components of the accumulated waste.



Recipes and performances

FOOD WASTE:

3 Cycles\Hr
30 Lt X Cycle
70% Weight Reduction
80% Volume Reduction



CARDBOARD:

4 Cycles \ Hr
140 Lt X Cycle
10% Weight Reduction
80% Volume Reduction



PLASTIC:

4 Cycles \ Hr
140 Lt X Cycle
5% Weight Reduction
80% Volume Reduction



UNSORTED WASTE:

3 Cycles \ Hr
140 Lt X Cycle
35% Weight Reduction
80% Volume Reduction



GLASS:

15 Cycles \ Hr
140 Lt X Cycle
3% Weight Reduction
90% Volume Reduction



METAL CANS:

4 Cycles \ Hr
140 Lt X Cycle
10% Weight Reduction
95% Volume Reduction



CERTIFICATE

Sanishredder has been tested by ABS and obtained the PDA Product Design Assessment for its purposes.







TECHNICAL INFORMATION

DRY MASS	1600 Kg (each Sanishredder+control panel)
MAIN DIMENSIONS	1800 X w1000 X h1800
INTERFACES	AIR SUPPLY: 1\2" FAIR PRESSURE: 6 BAR FRESH WATER CONNECTION: 1\2" F FRESH WATER PRESSURE: 4 BAR MIN WATER CONSUMPTION: About 30lt\h EXHAUST GAS Vent line DN 65 PN10 CONDENSATE DISCHARGE: 1 1/4"
ACCESSORIES	Vacuum sealing machine or pellet machine
	440 – 690 V 3 pH 50-60 Hz
ELECTRIC RATED POWER	28kW each Sanishredder
WATER DISCHARGE	3\4" F connection gravity drain

ON BOARD APPLICATION

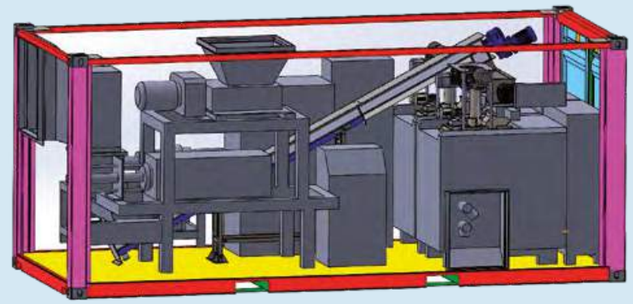


AUTOMATIC AND CONTINUOUS SANISHREDDER PROTOTYPE

The aim of this new Sanishredder is to treat all types of waste in automatic and continuous mode.

At the end of the cycle the waste comes out completely stabilized and dried.

The machine is able to handle all types of waste (food waste, unsorted waste, plastic, paper and cardboard, cans, glass), increasing performances, decreasing treatment times and managing to treat a high quantity of waste thank to the automatic mode.



vacuum system for the collection of food waste

The collection of wet waste, coming from the food processing, have always been one of the biggest problems. Sanitrade, leader in the vacuum systems field, offers now a modern technology that allows you to quickly and efficiently collect this type of waste already at the place of production to obtain a dehydrated easily recyclable.

Innovation of the system is the transport of the waste through vacuum as fluid: this, unlike the existing systems that use water. The system is fully automatic, efficient, simple and hygienic.
The vacuum , generated by a special pump, allows the transport of the shredded waste (macerator) and collecting it in a connected container.





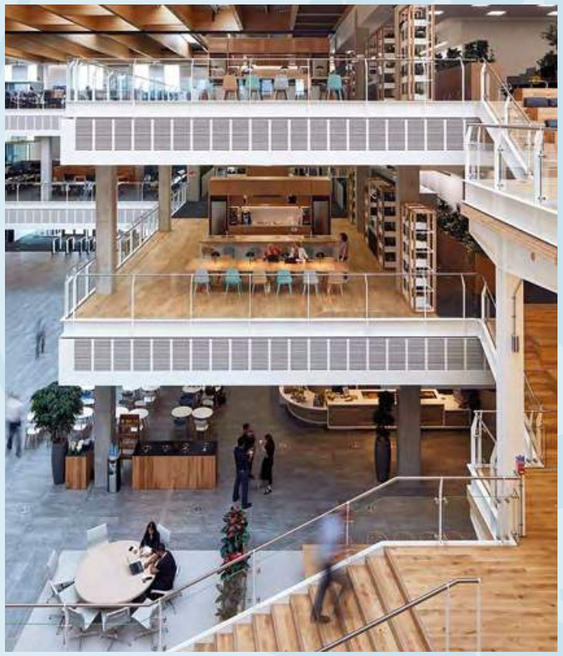












ADVANTAGES

- Fresh water consumption minimized
- Less fresh water production needed
- Programmable suction sequence
- No grange bags to be lifted or transported
- New possibilities of galley/pantry design
- Improved ergonomics and efficiency
- No cross contamination between clean and soiled operations
- No contaminated slurry water – no smell
- Easy pipe work planning
- Minimal installation restrictions
- Pipeline can be installed both horizontally and vertically
- Simple technical design
- Less maintenance
- Less spare food waste are made of stainless steel
- Additive saving
- Less electric energy consumption



vacuum technology for land application

THE FREEDOM TO PLACE THE TOILET ANYWHERE YOU WANT.

Sanitrade designs and manufactures vacuum systems for collecting waste water, based on the customer specific needs; the main components of our systems are manufactured by EVAC , an international company leader in this field.

We offer to designers, contractors and architects maximum flexibility in the implementation of sanitary installations, freeing the buildings from the pipes by gravity, allowing to place toilets where it is really needed and not caring about the inclinations of the pipes.

Pipeline can be installed both horizontally and vertically, toilets can download horizontally or , if necessary, even to the top. This feature offers an almost infinite range of opportunities, especially in the field of renovations or extensions of any kind of buildings. In the design phase, the final decisions concerning the location of utilities and drains can be postponed , leaving the possibility to change idea till the end.





ADVANTAGES

- independence from the slopes
- savings of space
- greater installation flexibility
- considerable reduction of water consumption
- reliability and compactness
- low cost piping system (compared to a traditional system)



SANITRADE

APPLICATIONS:

- hotels
- offices
- banks
- schools
- hospitals
- prefabricated buildings
- shopping malls
- prisons

Ponte Vecchio FIRENZE



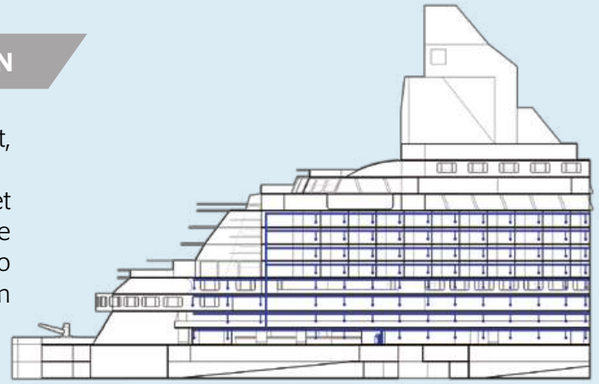
Base ANTARTIDE



central vacuum cleaning system

FIRST SYSTEM FOR HYPOALLERGENIC CABIN

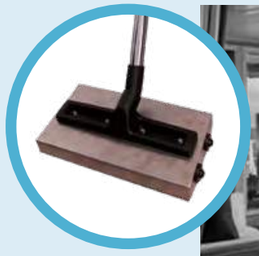
The system is composed by a vacuum central unit, piping and inlet valve.
When a cleaning hose is plugged onto an inlet valve the system starts. A special brush, complete with suitable protection and UV-C lamps, allows to exterminate any non-aspirated mite, making them harmless and easier to remove.



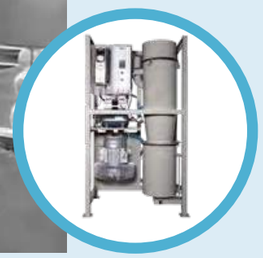












UV-C RAYS

Bacteria, Virus, Spore, Fungi, mold and mites are all sensitive, therefore eliminable, with UV-C rays.
Ultraviolet rays (UVC) emitted and reproduced by special “germicidal lamps” allows greater attention to the environment improving the degree of disinfection.



ADVANTAGES OF THE SYSTEM:

- Hypoallergenic cabin
- Space saving
- Low maintenance costs
- Cleaner indoor air
- Fast, safe and easy to use
- Environmental friendly image

SANITRADE

- AFTER-SALE SERVICE and SUPPORT
- TECHNICAL ASSISTANCE
- DISTRIBUTION
- SALES and PROMOTIOM
- SUPPLY OF SPARE PARTS
- WIDE STOCK OF EVAC SPARE PARTS
- EXTENSIVE COMMERCIAL NETWORK
- QUALIFIED PERSONNEL FOR THE INSTALLATION
- EFFICIENT LOGISTICAL ORGANIZATIONAL STRUCTURE

SOME OF OUR REFERENCES

www.ernestomarina.it



www

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SANITRADE®

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Via Selaschi 35 L, 16040 Leivi (GE) ITALY
Tel. +39 0185 385065 Fax +39 0185 385066
info@sanitrade.it

www.sanitrade.it

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RINA
CERTIFIED MANAGEMENT SYSTEM
ISO 9001